

p53 Ab

Cat.#: AF4664 Size: 50ul,100ul,200ul	Concn.: 1mg/ml Source: Rabbit	Mol.Wt.: 43.7kDa Clonality: Polyclonal
Application:	WB 1:500-1:2000	
Reactivity:	Human,Mouse,Rat	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Specificity:	p53 Ab detects endogenous levels of p53.	
Immunogen:	A synthesized peptide derived from human p53.	
Uniprot:	P04637	
Subcellular Location:	Cytoplasm; Cytoplasm. Nucleus. Nucleus > PML body. Endoplasmic reticulum. Interaction with BANP promotes nuclear localization. Recruited into PML bodies together with CHEK2; Nucleus. Cytoplasm. Localized in both nucleus and cytoplasm in most cells. In some cells, forms foci in the nucleus that are different from nucleoli; Nucleus. Cytoplasm. Localized in the nucleus in most cells but found in the cytoplasm in some cells; Nucleus. Cytoplasm. Localized mainly in the nucleus with minor staining in the cytoplasm; Nucleus. Cytoplasm. Predominantly nuclear but localizes to the cytoplasm when expressed with isoform 4 and Nucleus. Cytoplasm. Predominantly nuclear but translocates to the cytoplasm following cell stress.	
Tissue Specificity:	Ubiquitous. Isoforms are express normal tissues but in a tissue-di is expressed in most normal tiss brain, lung, prostate, muscle, fee fetal liver. Isoform 3 is expressed is not detected in lung, spleen, and fetal liver. Isoform 7 is expressed but is not detected in prostate, breast. Isoform 8 is detected on testis, fetal brain and intestine. most normal tissues but is not of fetal liver, salivary gland, breas	ependent manner. Isoform 2 sues but is not detected in etal brain, spinal cord and ed in most normal tissues but testis, fetal brain, spinal cord ressed in most normal tissues uterus, skeletal muscle and hly in colon, bone marrow, Isoform 9 is expressed in detected in brain, heart, lung,
Similarity:	The nuclear export signal acts a domain. The TADI and TADII mo 48 to 56) correspond both to 9a transactivation domains presen and animal transcription factors	otifs (residues 17 to 25 and aaTAD motifs which are t in a large number of yeast



Affinity Biosciences website:www.affbiotech.com order:order@affbiotech.com

Storage Condition and Buffer:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of p53 in lysates of MDA-MB-435 $\,$, using p53 Ab(AF4664).

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.